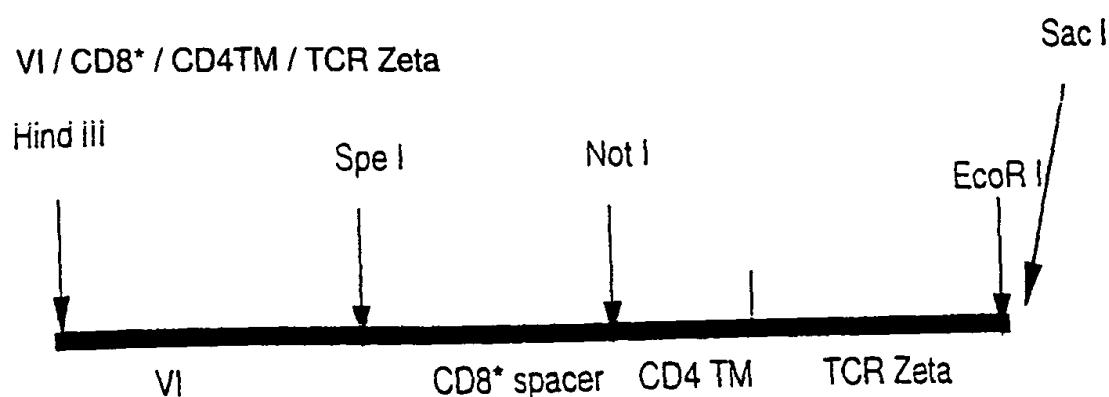
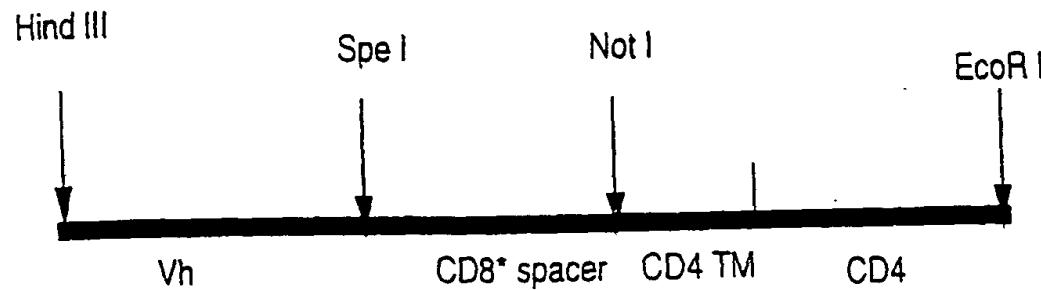


## FIG. 1



Vh / CD8\* / CD4TM / CD4



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**FIG. 2 OLIGONUCLEOTIDES SEQUENCES FOR CHIMERIC RECEPTOR CONSTRUCTION**

All oligos listed in the 5' to 3' orientation

S4501:CGCAAGCTTGC CGCC ACCATGGAATGGAGC

S4502:TGGACTAGTTGAGGCAGAAGACACTGTCAC

S4503:CGCAAGCTTGC CGCC ACCATGTCTGTCCC

S4504:TGGACTAGTCGTACGTTTACTTCTACTTTAG

S4881:CGTGCCGGTCTT CCTGCCAGCGAAGCCCCGGTGC GGGGCCAGCGCCG  
CGACCACCAACACC GGCGCCCACCS4882:GAGGCGGGCGCGGCCAGCGCGGGGGCGCAGTGCACACGAGGGGG  
CTGGACTTCGCGGCCGCCCTGATTGTGS4883:CGCCGCTGGCCGCGCCGCCCTCTGGCGCAGGGACAGGGCTGCGAC  
GCGATGGTGGCGCCGGTGTGGTGGS4884:CGCTGGCAGGAAGACCGGCACGAAGTGGCTGAAGTACATGATGG  
AGTTGCTCAGGGCACTAGTTG

S4885:CAACTAGTGCCTGAGCAACTCC

S4886:CACAATCAGGGCGGCCGCGAAG

S4499:CTGCAGTTCGCGGCCGCCCTGATTGTGCTGGGGCGTC

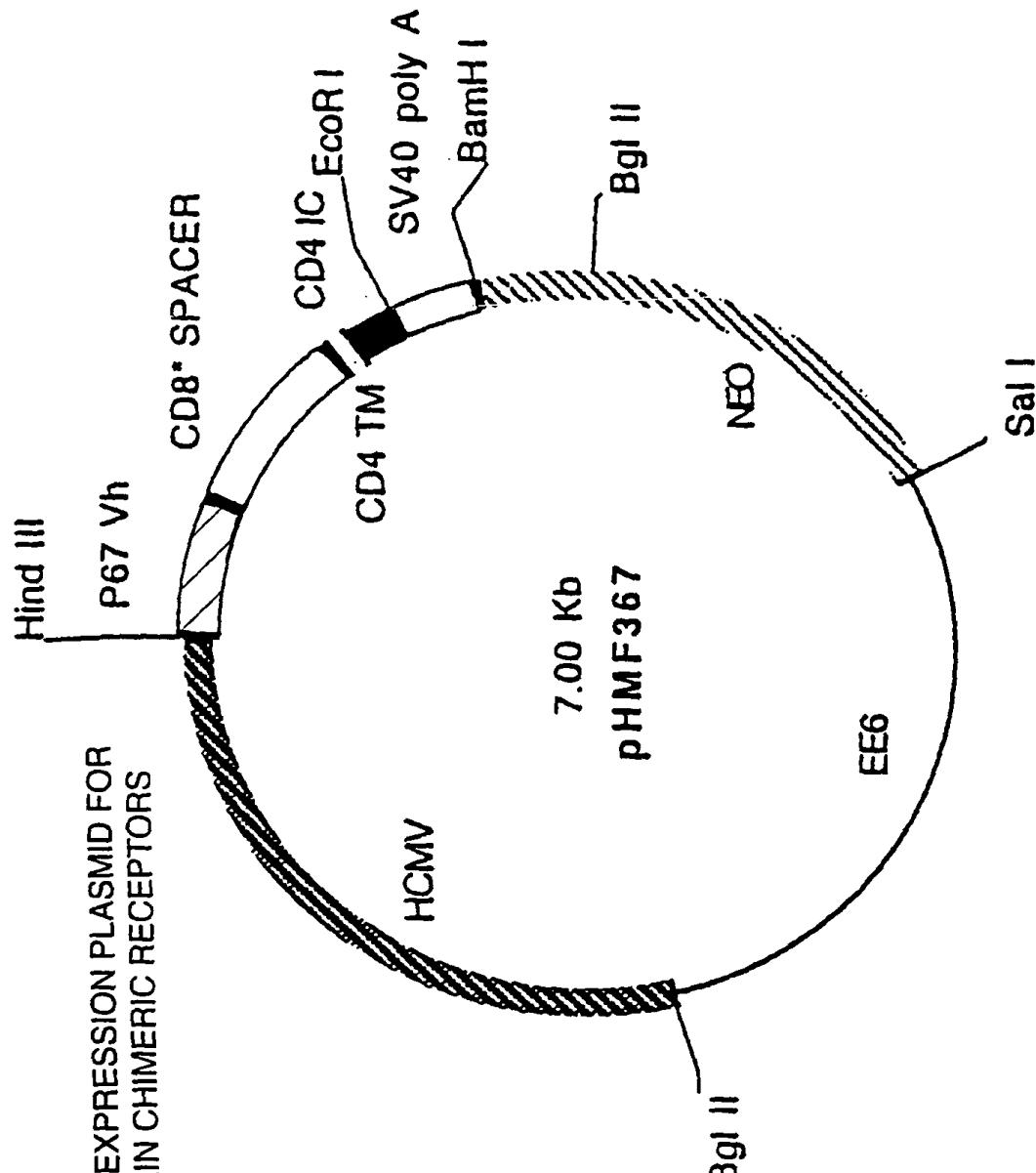
S4500:GCCGAGCTCCTATATGAATTCTCAAATGGGGCTACATGTCTTCTG

S4700:TATGAATTCTTAGCGAGGGGGCAGGGCCTGCATG

S4701:CTGGACTTCGCGGCCGCCCTGATTGTGCTGGGGCGTCGCCGGCC  
TCCTGCTTT CATTGGGCTAGGCATCTCTTCAGAGTGAAGTTCAGCAGG  
AGCGC

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**FIG. 3**  
DOUBLE GENE EXPRESSION PLASMID FOR  
SEPARATE CHAIN CHIMERIC RECEPTORS

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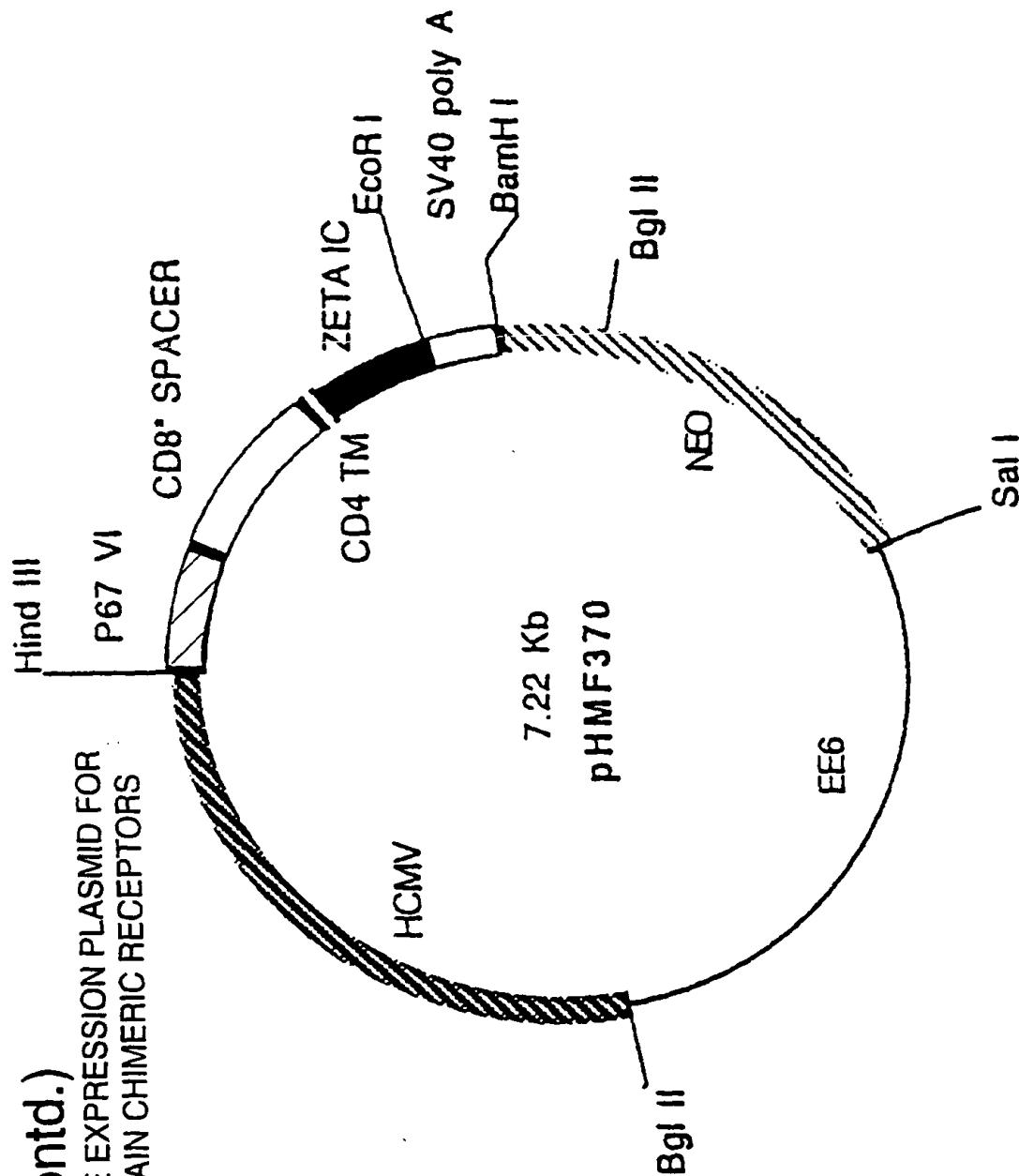


FIG. 3(contd.)  
DOUBLE GENE EXPRESSION PLASMID FOR  
SEPARATE CHAIN CHIMERIC RECEPTORS

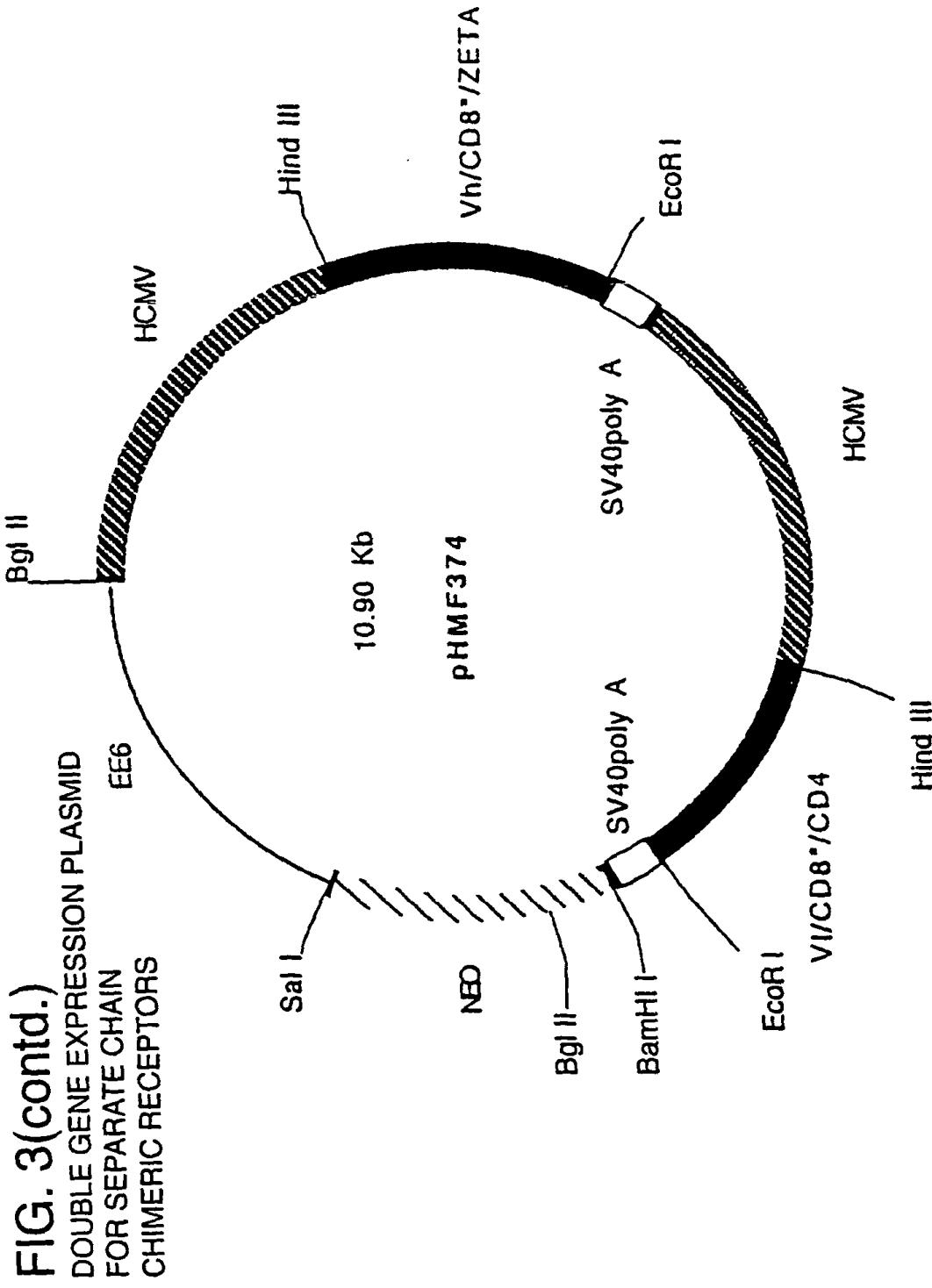
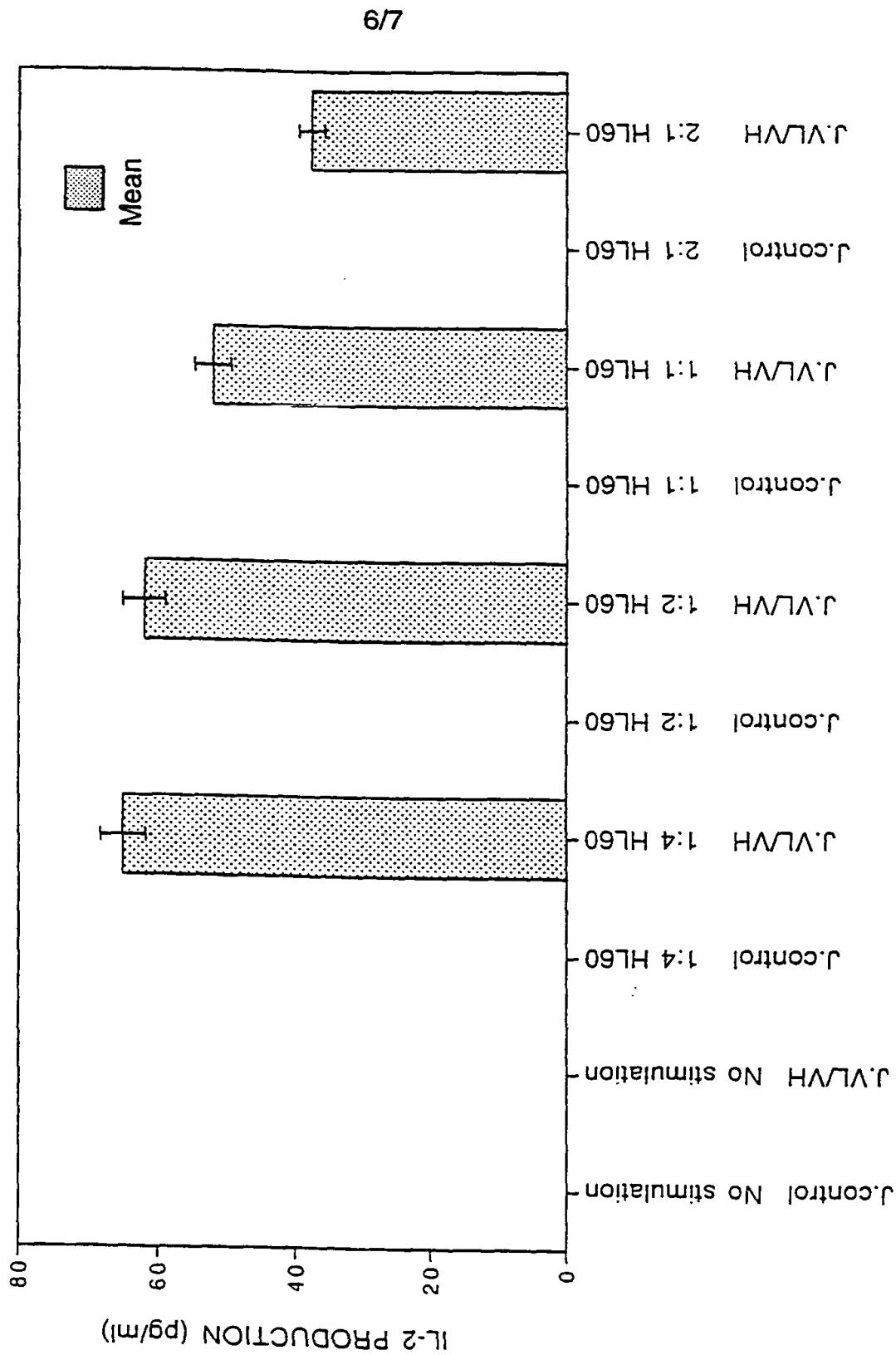


FIG. 4 STIMULATION OF SEPARATE CHAIN RECEPTORS WITH HL60 TARGET CELLS



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FIG. 5 STIMULATION OF SEPARATE CHAIN RECEPTORS WITH NSO CELLS TRANSFECTED WITH A CONTROL PLASMID OR A CD33-EXPRESSING PLASMID

